

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENTS



Applicant: BRIAN WHITMAN, et al.

Docket: 14855

Serial No: unassigned

Dated: August 27, 2001

Handwritten: #2, 58, 10/12/01

Filed: herewith

For: EXTRACTING CLASSIFYING DATA IN MUSIC
FROM AN AUDIO BITSTREAM

Assistant Commissioner for Patents
United States Patent and Trademark Office
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. "An Overview of Audio Information Retrieval," J. Foote, ACM-Springer

Multimedia Systems, 1998;

"CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label Number: EL-793-481-540-US
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Dated: August 27, 2001

Handwritten signature of Evelyn Guishard
Evelyn Guishard

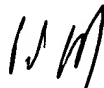
2. "Towards Instrument Segmentation for Music Content Description: a Critical Review of Instrument Classification Techniques," Herrera, P. et al., Proceedings of ISMIR 2000, Plymouth, MA;
3. "Audio Information Retrieval (AIR) Tools," Tzanetakis, G. et al., Proceedings of ISMIR 2000, Plymouth, MA,
4. "ARTHUR: Retrieving Orchestral Music by Long-Term Structure," J. Foote, Proceedings of ISMIR 2000, Plymouth, MA;
5. "Mel Frequency Cepstral Coefficients for Music Modeling," B. Logan, Proceedings of ISMIR 2000;
6. Moodlogic, [www.Moodlogic.com](http://www.moodlogic.com/pl17.html), <http://www.moodlogic.com/pl17.html>
7. Relatable, [www.Relatable.com](http://www.relatable.com/tech/engine.html), <http://www.relatable.com/tech/engine.html>
8. "A Comparison of Language modeling and Probabilistic Text Information Retrieval Approaches to Monophonic Music Retrieval," J. Pickens, Proceedings of ISMIR 2000, Plymouth, MA;
9. "NODElib Documentation," G.W. Flake, [http://www.neci.nj.nec.com/homepages/flake/nodelib/html /](http://www.neci.nj.nec.com/homepages/flake/nodelib/html/);
10. "Efficient SVM Regression Training with SMO," Machine Learning, to appear 2001, G.W. Flake, et al.,
11. "Musical Instrument Identification: A Pattern-Recognition Approach," K.D. Martin, et al., Presented at the 136th Meeting of the Acoustical Society of America, 1998;

12. "A Tutorial on Support Vector Machines for Pattern Recognition," C.J.C. Burges, Kluwer Academic Publishers, Boston, Manufactured in The Netherlands, 1998;
13. "Neural Networks for Real World Tasks Limitations and Solutions," S.R. Lawrence, page 39 of thesis dated August 12, 1996; and
14. "The Nature of Statistical Learning Theory," V.N. Vapnik, pages 133-141, 1995.
15. Bitbop, www.Bitbop.com, <http://www.bitbop.com/press-bp20010508.html>

Applicants are submitting a copy of the above-cited references. The relevance of references 1-7 has been described in the specification.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,



Paul J. Esatto, Jr.
Registration No.: 30,749

Scully, Scott, Murphy & Presser
400 Garden City Plaza
Garden City, New York 11530
(516) 742-4343

PJE/DJT:eg

INFORMATION DISCLOSURE CITATION

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		"An Overview of Audio Information Retrieval," J. Foote, ACM-Springer Multimedia Systems, 1998.
		"Towards Instrument Segmentation for Music Content Description: a Critical Review of Instrument Classification Techniques," Herrera, P. et al., Proceedings of ISMIR 2000, Plymouth, MA.
		"Audio Information Retrieval (AIR) Tools," Tzanetakis, G. et al., Proceedings of ISMIR 2000, Plymouth, MA."
		"ARTHUR: Retrieving Orchestral Music by Long-Term Structure," J. Foote, Proceedings of ISMIR 2000, Plymouth, MA"
		"Mel Frequency Cepstral Coefficients for Music Modeling," B. Logan, Proceedings of ISMIR 2000.

EXAMINER

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OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			Moodlogic, www.Moodlogic.com , http://www.moodlogic.com/p117.html . Relatable, www.Relatable.com , http://www.relatable.com/tech/engine.html .
			"A Comparison of Language modeling and Probabilistic Text Information Retrieval Approaches to Monophonic Music Retrieval," J. Pickens, Proceedings of ISMIR 2000, Plymouth, MA. "NODElib Documentation," G.W. Flake, http://www.neci.nj.nec.com/homepages/flake/nodelib/html/ .

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		<p>"Efficient SVM Regression Training with SMO," Machine Learning, to appear 2001, G.W. Flake, et al.</p> <p>"Musical Instrument Identification: A Pattern-Recognition Approach," K.D. Martin, et al., Presented at the 136th Meeting of the Acoustical Society of America, 1998.</p>
		<p>"A Tutorial on Support Vector Machines for Pattern Recognition," C.J.C. Burges, Kluwer Academic Publishers, Boston, Manufactured in The Netherlands, 1998;</p> <p>"Neural Networks for Real World Tasks Limitations and Solutions," S.R. Lawrence, page 39 of thesis dated August 12, 1996.</p>

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(also form PTO-1449)

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			<p>The Nature of Statistical Learning Theory," V.N. Vapnik, pages 133-141, 1995.</p> <p>Bitbop, www.Bitbop.com, http://www.bitbop.com/press-bp20010508.html</p>

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